

Appl. No. : 09/272,835
Filed : March 19, 1999

E1

DNA48614 have been deposited with ATCC and are assigned ATCC deposit nos. 209752 (Designation: DNA48613-1268) and 209751 (Designation: DNA48614-1268), respectively. A comparison of the nucleic acid sequences encoding DNA48613 with those encoding human GFR α 1 and GFR α 2 is provided in Figures 5A-B. The 5'untranslated GFR α 3 sequence immediately upstream of the initiation ATG in the cloned DNA48613 is GCGAGGGGAGCGCGGAGCCCGGCGCCTACAGCTCGCC (SEQ ID NO 21).--

Please replace the paragraph beginning at page 54, line 1, with the following rewritten paragraph:

E2

--The GFR α 3 was fused upstream of an epitope tag contained within a Baculovirus expression vector. Such epitope tags include poly-his tags and immunoglobulin tags (like Fc regions of IgG). The amino acid sequence of the human GFR α 3-IgG fusion is provided in SEQ ID NO: 18. A variety of plasmids may be employed, including plasmids derived from commercially available plasmids such as pVL1393 (Novagen). Briefly, GFR α 3 sequence encoding the extracellular domain) was amplified by PCR with primers complementary to the 5' and 3' regions. The 5' primer incorporate flanking (selected) restriction enzyme sites. The product was then digested with those selected restriction enzymes and subcloned into the expression vector. The vector for expression of GFR α 3-IgG in insect cells was pb.PH (where expression in Baculovirus was under control of the polyhedrin promoter).--

Remarks

The specification has been amended to include reference to the sequence of SEQ ID NO: 18 as a human sequence and to correct the inadvertent elimination of the reference to SEQ ID NO: 21 at page 49, line 17, that was made by the amendment in page 4 of paper #19. The amendments to the specification are of formal nature, and do not add new matter.

Attached hereto is a marked-up version of the changes made to the specification by the current amendment. The attached page is captioned "Version with markings to show changes made."